

UNIVERSITY OF VICTORIA NEWSLETTER

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FACULTY UNDER CHANGE

The Faculty of Education, under the leadership of Dean K.G. Pedersen, has been undergoing major changes in structure and direction.

Dean Pedersen, in a recent interview, said that the decision-making process within the Faculty is being decentralized with a view to increasing communication, efficiency, and ultimately a more rational and expeditious development of new curricula and programmes.

The changes also signal new directions for the Faculty, where more emphasis will be put on involvement with the Department of Education, with an interdisciplinary approach to teacher training, and with the upgrading of skills of teachers already out in the field.

"It is time universities recognized the need for upgrading the skills of teachers, in part through a far greater integration of departments on campus," Dean Pedersen said. "The professional development of teachers has always been handled in an off-hand manner."

Effective on July 1, a division system of administration was set up within the Faculty with the appointment of five division chairmen.

With the delegation of authority on day-to-day matters to the division chairmen and to the newly-defined positions of Associate and Assistant deans, Dean Pedersen said his hands are now free to deal with long-term planning, new programmes, the budget, and relations with other University departments, the government, the teaching profession, and the community.

Previously under a more informal structure, all decisions had to be approved by the Dean, which was too much of a burden for one person and a source of alienation for staff members.

The need for change became apparent when Dean Pedersen took up his position here two years ago after previously being with the Faculties of Education at the



The unusually long line-ups throughout last week for registration in the Gymnasium augured a record enrolment for the University of Victoria this year. According to approximate figures released by L.T. Ghobrial, Deputy Registrar and Director of Admissions, first-week registration is up 930 over last year's, which would put total enrolment of full-time and part-time undergraduates so far at 6,030. UVic's record year was in 1969-70 with 5,734 undergraduates. In the three years following enrolment declined before it rose moderately last year. Late registration this week is also heavy.

universities of Chicago and Toronto.

The impulse for re-organization came from the Faculty, and during a brainstorming retreat Dean Pedersen agreed to make a report for proposed restructuring.

The report received "total acceptance within the Faculty", and out of it came the division system.

Dean Pedersen said the department system, which is used in other faculties, was rejected, primarily because Education needs a more flexible way to deal with its greater amount of "highly practical work which cuts across all divisions".

He said studies have also shown that the department system tends to separate such units into "small, disparate enclaves of power," resulting in a lack of integration which should be part of the university community.

Dean Pedersen has started to approach

other faculties to discuss a more interdisciplinary method of teacher training, and he looks for the day when joint staff appointments become common, "when we don't do it alone."

As an example, Education for the first time is supplying a teacher for another discipline. He will be Dr. Christopher Hodgkinson, who is teaching Administrative Theory in UVic's new School of Public Administration.

In addition, Dr. Pedersen hopes joint appointments with the Department of Education will become possible. "We can be an adjunct to -- not of -- the government. In this way we could supply important assistance."

Changes are also in store for the Faculty's graduate studies. Where a Master of Education degree in Science Education is now offered, this programme will hope-

fully be expanded, with the help of such departments as Mathematics, Linguistics and English.

The committee structure will also be re-organized under proposals by the Dean to be submitted to the Faculty for final approval this month.

One of the major innovations proposed here is the creation of a new committee called Undergraduate Programme Development.

Dr. Pedersen said that although the division system will be subject to modification if it proves unsatisfactory, it seems after the first two months that "strong leadership is developing within the Faculty."

The new division chairmen, whose appointments will eventually be three years, are Dr. Fred Martens, Physical Education; Professor Jeff Hodder, Art and Music Education; Dr. Arthur Kratzmann, Communication and Social Foundations; Dr. David Chabassol, Psychological Foundations in Education; and Dr. Cary Goulson, Social and Natural Sciences.

Associate Dean is Dr. Norma Mickelson, whose main responsibilities are undergraduate programmes and in-service education. Assistant Dean is Dr. Walter Muir, who will handle development of Graduate Studies and day-to-day administration.

Three other recent appointments are Dr. Lloyd Ollila, Co-Ordinator of Graduate Studies, and John Smith, Co-Ordinator of School Experience, and Assistant Professor Anne McLaughlin, Co-Ordinator of Academic Advising (Education).

TEACHER SURVIVAL

Group interaction seminars, designed to teach student teachers how to survive in classrooms, are being introduced this year by the Faculty of Education for first and second year levels.

Some 30 seminar leaders -- made up of Faculty, graduate students and experienced school teachers -- took part last week in a four-day interaction workshop conducted by Dr. Harley Adamson, Co-Ordinator and Director of the Interaction Laboratory at Utah's Weber State University.

Dr. Irvin Burbank, who will be seminar Co-Ordinator for first-year students, said the Weber interaction system, now being used in several U.S. and Canadian universities, will be implemented here on an afternoon-a-week basis.



A trust exercise is tried at Education's new Interaction Laboratory in which a person in the middle of a circle falls over with eyes shut in the hope others will catch her.

"The basic concept is to establish the value of people -- students as persons rather than objects, as individuals rather than part of a mass," Dr. Adamson said.

Dr. Burbank said student teachers generally go through four progressive steps exemplified by the questions "can I make it through 45 minutes of class?", "can I control the class?", "are the students learning anything?", and finally "are the things I'm teaching students very important?"

"Many universities are geared to the two latter levels while the first two are ignored," he said.

The aim of the seminars will be "to provide professional teacher skills for survival in class."

Dr. Burbank said most university courses are taught through lectures, while the stress on teacher training should be done more through activities.

Seminar activities are designed to develop communication skills, self-confidence, interpersonal relations and understanding of group processes.

Dr. Burbank emphasized the seminars will not be sensitivity or therapy groups in that they will have specific goals to be achieved as opposed to a "do-your-own-thing" atmosphere.

Dr. William Cross will be Co-Ordinator for second-year students. He and Dr. Burbank will be assisted by Dr. Larry Yore and Dr. Charles Galloway.

POETRY FOR YOUNG

Creative Writing Department member William Thomas will conduct a series of poetry workshops for elementary school children in Greater Victoria and Campbell River later this month and in October.

The Campbell River programme, sponsored jointly by the Art Gallery of Greater Victoria's Extension Department and the Campbell River School Board, will run September 28 and 29 and the Victoria programme will be held at the Art Gallery of Greater Victoria each Saturday afternoon during October.

"The idea behind the project," said Mr. Thomas, "is that music and ballet lessons are all very well, but they don't meet the need of all children. I will try to rekindle the feeling for rhyme and meter



WILLIAM THOMAS
... "rekindle feeling"

that very young children demonstrate in extemporary playsongs and chants."

The pilot project was organized by the Victoria Gallery's Extension Director, Marguerite Pinney, and sponsored by the National Museum's Corporation of Ottawa.

Children attending the classes will be encouraged to play word games and will take part in the writing of a class poem on a topic they have chosen. In other sessions, the young poem makers will work in smaller groups and individually to exercise their creative powers.

Mr. Thomas explained that "it is hoped that we can have the results of the sessions made available so that anyone interested can see how the process works."

Mr. Thomas has carried out poetry workshops in the Greater Victoria area for junior and senior secondary pupils in the past three years.

SEAWEED STUDY SURFACES

The first major stages of what is probably the most exhaustive resource study yet on seaweed have been completed by a team of University researchers under Dr. Alan Austin (Biology).

Their work, compiled through three years of research on the western shores of Georgia Strait, will be the basis for forthcoming Provincial Government legislation on impending commercial harvesting of red seaweed.

Dr. Austin said a unique aspect of the study is that it is being done on a natural resource "before industry uses it, misuses it, or, as has happened in other parts of the world, wipes it out."

He said the project, which has been financed by both Federal and Provincial governments, has resulted in the completion of an inventory of where the seaweed is and in what quantities.

But, he said, the key consideration should be that of exploring cultivation and regeneration potential rather than harvesting seaweed wild until it is exhausted, as for example was done in Denmark.

Before this is done much more research has to be carried out on the biology of red seaweed and the ecological implications of farming it.

"Anything ecological is long-term, especially when no one before us knew much about the biology of red seaweed, how fast it grows, when it reproduces and



Dr. Alan Austin and his Research Assistant Robert Adams pour over some of the considerable material they have compiled on red seaweed, a sample of which Dr. Austin is holding.

under what conditions, where it grows and how much," he said.

"I am hoping to keep government interested in funding further studies on cultivation for the sake of resources of the future."

Red seaweed, or *Iridaea* as it is technically known, is one of more than 500 species of seaweed found in Pacific Northwest coastal waters.

This species and brown seaweed or floating kelp are the two major forms of seaweed that yield commercially useful extractives.

Red seaweed, as opposed to floating kelp, is smaller and is found largely underwater, but its extractives or gums are more valuable. They are used extensively in pharmaceutical products and are important in culture media for vaccines. They are also used in homogenized milk, yogurts, whips, spreads, ice creams, beers, wines, pie fillings, dressings, food processing, preserving -- among many other uses.

Robert Adams, a graduate biologist who has been Dr. Austin's main research assistant since the beginning of the project, said red seaweed will be harder to harvest and will require more manpower because it doesn't float on the surface like the kelps.

Mr. Adams said research so far has discovered that red seaweed grows at different rates at different depths and that at some depths it can be harvested once a year like land crops are.

He said that because nothing had been done previously, the UVic team had to develop its own methodology in studying red seaweed. This has consisted of subcontracting aerial surveys followed by underwater field work by the UVic team.

The team initially discovered and studied a 30-mile strip of seaweed between Denman Island and Miracle Beach near Campbell River. The resulting maps are the most detailed ever produced on extensive seaweed beds, and they will be invaluable for anyone who wants to monitor ecological changes in that area for decades to come, Dr. Austin said.

In the last year, the project has expanded to searching out potential harvest areas in northern Georgia Strait.

Dr. Austin attended the recent eighth annual International Seaweed Symposium at the University College of North Wales, Bangor. It was attended by 400 scientists and industrialists with a major aim of encouraging cultivation of seaweed over the present practice of harvesting it wild.



Dr. Jan Hulsker, a leading authority on Vincent van Gogh, will present the final of two lectures on the artist September 16 at 12:30 p.m. in MacLaurin 144. His topic will be "Van Gogh's French Years" after speaking September 12 on the "Dutch Years". Dr. Hulsker, former Director-General of Holland's Cultural Affairs, wrote the books "Who was Vincent van Gogh?" and "Van Gogh's Diary" and is editor of "Vincent", a quarterly published by the National Museum Vincent van Gogh, Amsterdam. His talks are being sponsored by the Faculty of Fine Arts and the University Lectures Committee.

FACULTY NEWS

HISTORY

Dr. Wesley T. Wooley has been given a \$2,080 Canada Council Research grant for a thesis on American supranationalism since the early 1940s. Dr. Wooley, who is on study leave, will work on the project at the University of Chicago.

CLASSICS

Professor Herbert H. Huxley, who was Special Lecturer at this year's Summer School of the Association for the Reform of Latin Teaching in Lincoln, England, has been elected Vice-President of that organization. Professor Huxley, who is on study leave, has been invited to lecture again at the 1975 summer school.

MATHEMATICS

Several members of the Department attended the International Congress of Mathematicians (ICM) held recently in Vancouver.

Dr. Byron Ehle presented a paper "On Certain Order Constrained Chebyshev Rational Approximations", and Dr. Rekha Panda and Dr. H.M. Srivastava discussed their joint paper "Expansion Theorems for the H-Function of Several Complex Variables". Dr. Leon Bowden was chairman of a session for contributed papers on History and Education, while Dr. James Riddell was chairman of a session on Number Theory.

The ICM is held every four years, the previous two being held in Moscow

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(1966) and Nice (1970). This year's Congress, with 16 major addresses, 150 other invited talks, and approximately 600 contributed papers, drew more than 7,000 mathematicians.

COMING EVENTS

MONDAY, September 16

12:30 pm Lecture, Faculty of Fine Arts and University Lectures Committee. MacLaurin 144. Dr. Jan Hulsker, author of "Who was Vincent van Gogh?" and "Van Gogh's 'Diary'", will speak on "Van Gogh's French Years".

TUESDAY, September 17

6:00 pm Rugby. Centennial Stadium. Edinburgh University in Scotland vs. UVic Vikings. A reception will be held for all spectators and players following the game, in the SUB.

7:30 pm Seminar, Bacteriology and Biochemistry. Clearihue 267. Introduction and details of seminars to be held throughout the year.

WEDNESDAY, September 18

3:30 pm Meeting, Faculty of Graduate Studies. Cornett 108.

THURSDAY, September 19

12:30 pm Meeting, Faculty of Fine Arts. MacLaurin 191.

9:40 pm Cinecenta films. MacLaurin 144. Gille Carle's "Rape of a Sweet Young Girl" and "The Greater American Goose Egg Company of Canada Ltd."

AROUND THE RING
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